

2024 Approved Manufacturers Product List

Product	Specifications	Manufacturer (Model)
Casing Spacers	<ul style="list-style-type: none"> Stainless Steel Body 	<ul style="list-style-type: none"> Advance Products & Systems (SI or SSI) Cambridge Brass - Power Seal (Model 4810) Ford Meter Box (UFRCS 1300 & UFRCS 1390)
Couplings Water Main Pipe	<ul style="list-style-type: none"> AWWA C219-11 AWWA C111/A21.11-12 AWWA C153/A21.53-11 AWWA C227-11 ASTM F1476-07 (2013) Epoxy Coated Ductile Iron (up to 300mm) 	<ul style="list-style-type: none"> Krausz (HyMax AC PIPE, HyMax Grip PVC/Steel) Cambridge Brass - Power Seal (Model 3501) Smith-Blair Inc (Series 441 & 442 - With Optional Stainless Steel Hardware) Ford Meter Box (FC1)
Couplings Water Service Pipe	<ul style="list-style-type: none"> AWWA C800-12 19mm to 25mm with stop 38mm to 50mm, no stop required 	<ul style="list-style-type: none"> Cambridge Brass (Series 118 NL & Series 119 NL) Mueller Canada (Mueller 110 Compression Connection Low Lead) Ford Meter Box (C44-XX-Q-NL)
Curb Stops Ball Valve Type	<ul style="list-style-type: none"> AWWA C800-12 Compression joint Brass ball valve Stop only, no drain 	<ul style="list-style-type: none"> Cambridge Brass (Series 202 NL) Mueller Canada (B-25209-NL) Ford Meter Box (B44-XXX-Q-NL)
Main Stops Ball Type Valve	<ul style="list-style-type: none"> AWWA C800-12 Brass ball Valve, compression joint, meeting AWWA C800 requirements 	<ul style="list-style-type: none"> Cambridge Brass (Series 301 NL) Mueller Canada (B-25008-NL) Ford Meter Box (FB1000-Q-NL)
Fittings Ductile Iron	<ul style="list-style-type: none"> AWWA C111/A21.11-12 AWWA C110/A21.10-12 AWWA C104/A21.4-08 AWWA C153/A21.53-11 Class 350 Cement Lined up to 300mm Mechanical Joint Class 52 Cement Lined Over 300mm Mechanical Joint 	<ul style="list-style-type: none"> Bibby-Ste-Croix (Division of Canada Pipe Co. Ltd.) Sigma Corp. Star Pipe Products Inc.
Fittings Polyvinyl (PVC)	<ul style="list-style-type: none"> CAN/CSA-B137.2-13 (See B137 Series-13) CAN/CSA-B137.3 (See B137 Series-13) AWWA C900-07 AWWA C907-12 	
Restrainers Mechanical Joints	<ul style="list-style-type: none"> ASTM F1674-11 CKL-104 CKL-105 CKL-106 CKL-107 	<ul style="list-style-type: none"> Clow Canada (Tuf Grip) Sigma Corp. (One-Lok SLC, SLD, SLO) Smith-Blair Inc. (Cam-Lock 120) Star Pipe Products Inc. (Stargrip 4000) Romac Industries Inc. (GripRing) Ford Meter Box (Uni-Flange 1500 Series)
Restrainers Pipe Joint (Bell & Spigot)	<ul style="list-style-type: none"> ASTM F1674-11 CKL-104 CKL-105 CKL-106 CKL-107 CKL-111 	<ul style="list-style-type: none"> Clow Canada (Series 300) Star Pipe Products Inc. (Series 9000) Ford Meter Box (Uni-Flange Series 1350-6 & 1300) Sigma Corp. (Pv-Loc) Smith-Blair Inc. (Bell-Lock 165)
Polyvinyl Chloride (PVC) Pipe	<ul style="list-style-type: none"> CAN/CSA-B137.3-13 (See B137 Series-13) AWWA C905-10 AWWA C900-07 100mm to 300mm dia. pipes meeting requirements of AWWA C900, Class 235, SDR 18 and certified to CSA B137.3. 400mm dia. Pipe is approved on a site-specific basis only, meeting requirements of AWWA C905, SDR 18 and certified to CSA B137.3. 	<ul style="list-style-type: none"> IPEX Inc. (Blue Brute & Centurion) NAPCO Royal Pipe & Fittings (Royal Seal CIOD Pressure Pipe) Diamond Plastics (C-900)
Concrete Pressure Pipe	<ul style="list-style-type: none"> AWWA C301-07 AWWA C303-08 400mm dia. and larger to AWWA C303 (Bar Wrapped). 	<ul style="list-style-type: none"> Forterra (BWCC C-303)
Polyvinyl Chloride (PVC) for Horizontal Directional Drilling (HDD) Installations	<ul style="list-style-type: none"> CAN/CSA-B137.3-13 (See B137 Series-13) AWWA C900-07 100mm to 300mm dia. Sizes only. Pipe must meet requirements of AWWA C900, Class 150, SDR 18 (minimum) and be certified to CSA B137.3. 	<ul style="list-style-type: none"> IPEX Inc. (Fusible Brute PVC & TerraBrute CR) NAPCO Royal Pipe & Fittings (Cobra Lock HDD Pipe Systems)
High Density Polyethylene (HDPE) for Horizontal Directional Drilling (HDD) Installations	<ul style="list-style-type: none"> AWWA C906-07 100mm to 300mm dia. Sizes only. Pipe must meet requirements of AWWA C906 Pressure Class Dr 11 (minimum) Thermo Butt Fusion CIOD (Blue Stripe) 	<ul style="list-style-type: none"> KWH Pipe (Scclairpipe) National Pipe (PE 3408/3608)
Service Pipe Cross-linked polyethylene	<ul style="list-style-type: none"> 19mm to 50mm diameter. 	<ul style="list-style-type: none"> IPEX Inc. (Blue 904) Rehau Industries Inc. (Municipex SDR9)
Service Pipe Copper	<ul style="list-style-type: none"> ASTM B88M-14 19mm to 50mm dia. To ASTM B88M, Type 'K' Soft Copper 	
Fire Hydrants	<ul style="list-style-type: none"> AWWA C502 CAN/ULC-S520-07 CKL-102 2 only 63.5mm nozzles with CSA Standard thread, 5 T.P.I., 73.4mm O.D. 1 only 100mm Storz Pumped connection as per ULC #S-520. Hydrant open operating nut counter-clockwise. Hydrant to be painted chrome yellow with Storz cap painted gloss black. Drain ports to be plugged. 2.1m bury, complete with a 300mm barrel extension below the main seat valve to provide a standard 1.8m rod assembly. Trench depths greater than 2.1m, a 1.8m trench rod assembly shall be supplied with a barrel extension of the required length below the main valve seat. Provide safety flange to break away clearly upon impact. Interior surfaces of upper barrel and boot to be epoxy coated meeting AWWA C550 and NSF 61. All pins, bolts, and nuts to be Type 304 stainless steel. Minimum working pressure 150 psi. All private hydrants shall be painted red. 	<ul style="list-style-type: none"> Mueller Canada (Canada Valve Century With Storz Pumper Connection)

Resilient-seated Gate Valves	<ul style="list-style-type: none"> • AWWA C509-09 • CKL-101 • 100mm to 400mm 	<ul style="list-style-type: none"> • Mueller Canada (2361 & 2362 Series) • Clow Canada (F6100 Series) • American AVK Company (Series 65 & 45)
Butterfly Valves 400mm - 600mm	<ul style="list-style-type: none"> • AWWA C504-10 	<ul style="list-style-type: none"> • Mueller Canada (B3211) • Val-Matic Valve and Manufacturing Corp. (Series 2000) • Clow Canada (M&H Style 2500)
Butterfly Valves > 600mm	<ul style="list-style-type: none"> • AWWA C504-10 	<ul style="list-style-type: none"> • Clow Canada (M&H Style 2500) • Mueller Canada (Linesal XP) • Val-Matic Valve and Manufacturing Corp.
Combination Air Release and Vacuum Break Valves - Vented	<ul style="list-style-type: none"> • AWWA C512-07 	<ul style="list-style-type: none"> • A.R.I. Flow Control Accessories (D-040 Plastic, D-040-C, D-060-C)
Service Saddles PVC, DI and AC Pipe	<ul style="list-style-type: none"> • Service Saddles must all be stainless steel, 2 bolts, tapered rubber gasket and have a minimum 150mm wide band. 	<ul style="list-style-type: none"> • Cambridge Brass (Series 8403) • Mueller Canada (SS Series) • Robar Industries Ltd. (Series 2606, Style 2626DB) • Smith-Blair Inc. (Model No. 372) • Ford Meter Box (FS300 Series)
Service Saddles HDPE Pipe		<ul style="list-style-type: none"> • Cambridge Brass - Power Seal (Model #3412-AS-PE)
Service Saddles Concrete Pressure Pipe		<ul style="list-style-type: none"> • Smith-Blair Inc. (Model No. 362) • JCM Industries (Model No. 425 With Fusion Epoxy Coating)
Tapping Sleeves PVC, DI, CI, and AC Pipe	<ul style="list-style-type: none"> • AWWA C223-07 • On PVC pipe, use stainless steel tapping sleeve only. 	<ul style="list-style-type: none"> • Cambridge Brass - Power Seal (Series 3460 MJ CS With Optional Stainless Steel Hardware) • Mueller Canada (H-615, All Stainless Steel) • Robar Industries Ltd. (6606) • Smith-Blair Inc. (Models 622 With Stainless Steel Option, Model 663, & Model 622 MJ) • Ford Meter Box (FAST & FAST MJ)
Tapping Sleeves HDPE Pipe	<ul style="list-style-type: none"> • AWWA C223-07 	<ul style="list-style-type: none"> • Cambridge Brass - Power Seal • Ford Meter Box (FASTP & FTSCP)
Service Boxes and Components Slide Adjustment Type	<ul style="list-style-type: none"> • 19mm to 50mm dia. Services • Stainless steel, self-centering rod • Brass cotter pin, minimum 75mm long 	<ul style="list-style-type: none"> • Mueller Canada (A726 For Services <25mm Diameter & A728 For Services >38mm Diameter. • Bibby-Ste-Croix (VSB 1 & VSB 2) • Star Pipe Products Inc. (SB-5001 D1 & SB-5002 D2) • Sigma Corp. (CBA Series)
Valve Boxes and Components	<ul style="list-style-type: none"> • CKL-101 • 135mm slide type. • Minimum 125mm inside dia. • 750mm upper section • 1200mm lower section. • 6mm predilled round hole with grommet for tracer wire in upper section. • Valve box located in travelled portion of roadway, should be 130mm screw type with frost ring. 	<ul style="list-style-type: none"> • Mueller Canada (MVB Bottom Section Only, Requires Cast Iron Lid) • Bibby-Ste-Croix (VB2100 5 1/4" - 130mm Screw Valve Box With No.6 Base) • Star Pipe Products Inc. (VB-5005) • Sigma Corp. (Valve Box 5 1/4" Sliding)
Repair Clamps PVC, DI, CI and AC Pipe	<ul style="list-style-type: none"> • Repair clamps >25mm must be stainless steel with 3 bolts. 	<ul style="list-style-type: none"> • Cambridge Brass (Teck Series 425, and Teck Series 435 With Side Outlet) • Total Pipe Solutions (EZ-Max) • Smith-Blair Inc. (Series 261 10 Inch Length) • Robar Industries Ltd. (Series 5816) • Ford Meter Box (FS1 & FLS1)
Repair Clamps HDPE Pipe		<ul style="list-style-type: none"> • Cambridge Brass - Power Seal (Model #3121AS-PE) • Ford Meter Box (FSP1)
Yard Hydrant	<ul style="list-style-type: none"> • CKL-109 	<ul style="list-style-type: none"> • Boshart Industries (Frost Free Yard Hydrant With Optional Elbow)
Insulation Polystyrene Extruded Expanded	<ul style="list-style-type: none"> • Closed cell extruded polystyrene sheets, 50mm thickness, with minimum compression strength of 275 kPa. 	<ul style="list-style-type: none"> • Dow Chemical Canada Inc. (Highload 40 & Highload 60) • DuPont de Nemours Inc. (STYROFOAM Highload 40) • Owens Corning (Foamular 400 & Foamular 600)
Cathodic Protection	<p>Anodes</p> <ul style="list-style-type: none"> • ASTM B418-12 • ASTM B843-13 • CKL-108 • Zinc - 5.4 kg (ASTM B418, Type II) • Magnesium - 14.5 kg (ASTM B843, Grade M1C) • Supplied with minimum 3m of AWG #10/7 stranded copper cable RWU-90 insulation. • Zinc anode shall have white cable insulation. • Magnesium anode shall have blue cable insulation <p>Caps for Anode Lead Connections</p> <p>Tapes For Ferrous Watermains and Fittings</p> <ul style="list-style-type: none"> • AWWA C217-09 	
Tracer Wire	<ul style="list-style-type: none"> • CSA-C22.2 NO. 75-08 (R2013) • CKL-108 • For open cut and "jack and bore" applications: No. 6, coated 7-Strand, 10 gauge, TWU75 and RW90 XLPE wire, rated at -40 degrees C. • For HDD applications: No. 6 copper coated solid core (single strand), 12 gauge, TWU75 and RW90 XLPE wire, rated at -40 degrees C. • Wire must meet requirements of CSA C22.2 No. 75. 	
Meters	<ul style="list-style-type: none"> • AWWA C700-09 • AWWA C701-12 • AWWA C702-10 	
Gasket Lubricant	<ul style="list-style-type: none"> • NSF/ANSI 61-2012 	IPEX Inc.
Hydrant Lubricant	<ul style="list-style-type: none"> • NSF/ANSI 61-2012 • Food Grade Only 	
Liquid Chlorine	<ul style="list-style-type: none"> • NSF/ANSI 60 • 12% Hypochlorite Solution 	